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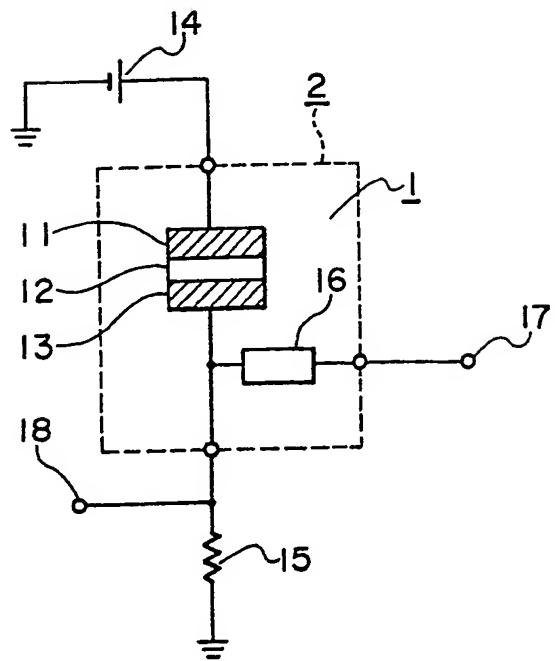
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㉛ Switching device.

EP 0 ㉜ A switching device is characterized by having a
periodical layer structure of an organic insulator be-
tween a pair of electrodes and having memorizability
with respect to switching characteristics. The layer

structure is formed of an amphiphilic compound ac-
cording to the LB method.

FIG.1





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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. CL.4)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL.4)
X	APPLIED PHYSICS LETTERS vol. 31, no. 9, 1st November 1977, pages 553-555, New York, U.S.A.; CHUN CHIANG: "A model of switching and negative resistance phenomenon in organic thin film with dipoles". * figures 1,2; page 553 *	1,45,46	H 01 L 29/28 H 01 L 45/00
Y	idem	2-4,27, 30,31, 35,37, 38,40- 43,47, 48	
X	--- ELECTRONIC LETTERS vol. 21, no. 10, May 1985, pages 439-441, Stevenage, Herts, Great Britain; W. FULOP et al.: "Dielectric switching with memory in thin films of stearic acid." * whole document *	1,3,45, 46,53	
Y	idem	49-52, 54-58	H 01 L 29/28 H 01 L 45/00
Y	--- EP-A-0 077 135 (QMC INDUSTRIAL RESEARCH LTD.) * abstract; figure 1; page 19, lines 22-25 *	2-4,34, 41,42, 47,48	B 05 D 1/12 G 11 C 11/22 G 11 C 19/30 H 01 B 1/12
Y	--- THIN SOLID FILMS vol. 134, no. 1-3, 20th December 1985, pages 89-99, Lausanne, Switzerland; B. BELBEOCH et al.: "Evidence of chain interdigitation in langmuirblodgett films." * pages 89,90; figure 1 * ---	2,3,41, 43,54, 55,58 -/-	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. CL.4)
Place of search		Date of completion of the search	Examiner
BERLIN		20-02-1989	JUHL A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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Y	FR-A-2 134 508 (ENERGY CONVERSION DEVICES) * figures 1-6 * ---	49-52, 56,57		
P, X	EP-A-0 232 829 (KANEKA FUCHI KAGAKU KOGYO KABUSHIKI KAISHA) * abstract; page 54, paragraph 3; claims * ---	1-3,41, 42		
Y	DE-A-3 242 712 (BAYER) * abstract * ---	27		
Y	JOURNAL OF MOLECULAR ELECTRONICS vol. 1, no. 1, July/September 1985, pages 3-17, Chichester, Sussex, Great-Britain; M. SUGI: "Langmuir-Blodgett films - a Course Towards Molecular Electronics: a Review." * pages 14,15; figures 12-14 * ---	30,35		
Y	JAPANESE JOURNAL OF APPLIED PHYSICS SUPPLEMENTS 15th Conference, 1983, pages 181-184, Tokyo, Japan; M. SUGI: "Organic Monomolecular Films and Their Applications." * abstract; page 183, column 2, paragraph 3 * ---	31	TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
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